ART. 1 – CALL FOR APPLICATIONS

1.1 The University of Verona hereby announces a public selection for admission to its PhD programmes for the XXXVII cycle, academic year 2022-2023, with the awarding of no. 45 PNRR PhD scholarships.

<table>
<thead>
<tr>
<th>PHD PROGRAMMES</th>
<th>Scholarships DM 351</th>
<th>Scholarships DM 352</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D. Biotechnology</td>
<td>2</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Ph.D. Economics and Finance</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Ph.D. Philology, Literature, and Performance Studies</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Ph.D. Inflammation, Immunity and Cancer</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Ph.D. Computer Science</td>
<td>4</td>
<td>9</td>
<td>13</td>
</tr>
<tr>
<td>Ph.D. Foreign Literatures and Languages</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Ph.D. Linguistics - Joint PhD Programme with the Free University of Bozen</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Ph.D. Biomolecular Medicine</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Ph.D. Nanosciences and Advanced Technologies</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Ph.D. Neuroscience, Psychological and Psychiatric Sciences and Movement Sciences</td>
<td>3</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>Ph.D. Applied Life and Health Sciences</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Ph.D. Archaeology, Art History and History</td>
<td>1</td>
<td>0</td>
<td>1</td>
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<tr>
<td>Ph.D. Clinical and Experimental Biomedical Sciences</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Ph.D. Surgical and Cardiovascular Sciences</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Ph.D. European and International Legal Sciences</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Ph.D. Human Sciences</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>23</strong></td>
<td><strong>22</strong></td>
<td><strong>45</strong></td>
</tr>
</tbody>
</table>

1.2 The details of each PhD programme, including the number of places and scholarships available, the criteria for the evaluation of qualifications (if provided), the dates of the admission exam sessions, the language, methods and criteria for selection are detailed on Annex 1 - PhD programmes information sheets, which constitutes an integral part of this Call. The Call for Application is published on the Official University Register (Albo Ufficiale di Ateneo) and on the following websites: Dottorati di Ricerca (available at: Admission to PhD Programmes > Call for Applications > Call for Applications, Cycle XXXVIII), Italian Ministry of University and Research (MUR), Euraxess and Official Gazette (Gazzetta Ufficiale).

1.3 Any amendments or updates will be published exclusively on the Dottorati di Ricerca website.

1.4 In accordance with Italian Ministerial Decree no. 226/2021, in order for PhD courses to run, they may be subject to compliance checks on accreditation requirements, carried out by Italian Ministry of University and Research (MUR). In case a PhD Programme is not accredited, applicants will be promptly informed and entry examination will not be held.

Each position in the competition will be assigned sub condicione, as it is subject to a verification of eligibility for support from the PNRR, carried out by the Ministry on the basis of the eligibility.
requirements identified respectively by Articles 6, 7, 8, 9 of the Ministerial Decree 351 and by art. 6, paragraph 3 and paragraph 4, of the Ministerial Decree 352. In the event that a position does not pass the verification with a positive result, all interested parties will be promptly notified.

For scholarships pursuant to Ministerial Decree 352 only, places will be assigned on condition of successful signing of the agreement with the co-financing company.

For all intents and purposes, the examination dates indicated in Annex 1 are to be intended as official notification. Applicants will therefore not receive any further notification regarding the entry examinations, unless a PhD Programme is not accredited (see above).

ART. 2 – IMPLEMENTATION OF PhD PROGRAMMES
2.1 The XXXVIII cycle of PhD programmes will officially begin on 1st October 2022. PhD programmes last three years, with the exception of the 4-year PhD programme in Economics and Finance.

The final defence of the doctoral thesis must take place within the month of April of the solar year after the conclusion of the PhD programme. The PhD degree is conferred by the Rector, after the candidate has successfully completed the doctoral programme and passed the final examination.

2.2 The awarding of the degree certificate is subject to the submission, by the PhD candidate, of his/her final doctoral thesis to the Verona University Open Archive (IRIS), where it shall be kept available for consultation. The University of Verona shall be responsible for submitting a copy of the doctoral thesis to the National Libraries of Rome and Florence, as specified by law.

ART. 3 – ADMISSION REQUIREMENTS
3.1 In order to apply, it is required that applicants, regardless of their age and nationality:
- Hold an Italian university degree such as Laurea magistrale, Laurea specialistica or Laurea "vecchio ordinamento" (before Reform no. 509/1999); or
- Hold an academic qualification (i.e. Master of Science/Art) awarded by a Higher Education Institution which allows access in the issuing Country to further studies at academic institutions at the PhD level; Professional degrees (e.g.: Master in Business Administration - MBA, Bachelor of Medicine and Bachelor of Surgery - MBBS, ecc.) do not grant access to the PhD programmes.

3.2 Applicants who will complete their Master’s degree by the deadline for enrolment in the PhD programme are also entitled to apply, provided that the enrolment procedure will be closing by the end of August. Their application will be considered as “provisionally admitted” and they will be required to submit their degree certificate or a self-certification (only for EU citizens, in accordance with Presidential Decree no. 445 of 28/12/00) together with their enrolment request to the PhD Office (Area Ricerca – U.O. Dottorati di Ricerca dottorati.ricerca@ateneo.univr.it), otherwise their admission will be rejected.

3.3 Applicants who already hold a PhD, will not be admitted to any programmes with similar research topics. Applicants who have already benefited from a PhD scholarship, regardless of where and when, are not eligible to be granted another scholarship.

3.4 All applicants may submit their application for the present Call, subject to confirmation. If any of the aforementioned prerequisites are not satisfied, the university reserves the right to exclude applicants from the selection procedure for justified reasons at any time, even after the examination sessions have taken place.

ART. 4 – APPLICATION
4.1 Applicants can submit their application from 13 June 2022 to 8 July 2022 at 12.00 noon (Italian time, GMT+1), exclusively using the online form available at www.univr.it/applicationphd.

The applicants have to:
- go to www.univr.it/applicationphd webpage;
- register to the online system by entering the information required (if not already registered);
- log in using their personal credentials (if current students of the University of Verona or already registered applicants)
- select the chosen PhD programme
- fill out the online application form.

Specific guidelines on how to apply are available at each PhD programme webpage.
4.2 After filling out the online form, applicants should print a hard copy of it, sign it and send it together with the attachments listed in Annex 1 - PhD programmes information sheets EXCLUSIVELY by email to phd.selection@ateneo.univr.it by 8 July 2022, 1.00 p.m. (Italian time, GMT+1). All application documents must be submitted in pdf format and sent from the applicant's personal e-mail address, with the following e-mail subject: "Application for the PhD programme in ...................., Applicant’s name and surname". Should the application be submitted in a different way, it will be rejected.

The overall file size of the e-mail should not exceed 20 MB. E-mails exceeding the size limit will not be delivered. The University e-mail system will send an automatic error message, which may be received by the sender up to several days after; it is the applicant’s responsibility to check for this kind of message, which may be identified as spam by the mail provider.

In case of large files to be sent, applicants may split their application documents into more than one e-mail message. In this case, the subject should be the same in each e-mail, i.e:
- Application for the PhD programme in ...................., Applicant’s name and surname – 1st part;
- Application for the PhD programme in ...................., Applicant’s name and surname – 2nd part; etc.

For technical issues, please contact: phd.support@ateneo.univr.it.
For further information or questions about this Call for Applications, please contact: dottorati.ricerca@ateneo.univr.it.

4.3 Applicants may apply for more than one PhD programme. For this purpose, they must complete a separate online application form for each programme and send it together with the following documentation, otherwise it shall be invalid:
   a. Passport (copy of the front page);
   b. Curriculum Vitae, according to the form attached to this Call (Annex 2);
   c. Master's degree thesis or abstract, and scientific publications, if any;
   d. Research project drawn up according to the structure attached to this Call (Annex 3), developed within the specific constrained topic selected, written in Italian or English of maximum 9,000 characters spaces excluded, bibliography excluded. The presentation of the research project aims to verify the vocation for research and the ability of the candidate to propose an innovative, coherent and autonomous research programme in line with the requested topics;
   e. Annex 4 – Declaration to be completed by the applicant;
   f. Any other specific qualifications required to apply for a specific PhD programme (see Annex 1 - PhD programmes information sheets).

Candidates who wish to apply for more than one PhD programme must submit multiple applications, each one to be completed with the required attachments.

Candidates who wish to apply for more than one specific constrained topic within the same PhD Programme, must submit a single application, attaching a specific research project for each topic (Annex 3).

The pdf file containing the research project must be named with the code indicated, for each related topic of interest, in Annex 1 - PhD programmes information sheets. For example: Surname_project_CODXXXX

4.4 In order to avoid a system overload, applicants are highly recommended to fill out the application form well in advance instead of close to the deadline.

It is each applicant’s responsibility to check that the procedure has been completed correctly. The university accepts no responsibility for late applications due to technical problems or software failure close to the deadline, overloading of communications and/or applicative systems, nor for any loss of communication due to incorrect or missing addresses or late notification of a change of e-mail contact, nor for any possible misunderstanding or problem caused by third parties, fortuitous case or force majeure.

Incomplete applications, missing of any piece of information and/or compulsory attachments shall not be considered. Additional material submitted after the deadline will not be accepted, unless expressly required by the PhD Office.

4.5 Applicants may apply for more than one PhD programme. For this purpose, they must complete a separate online application form for each programme and send it together with the specific
documentation listed in *Annex 1 - PhD programmes information sheets.*

4.6 All documentation must be in Italian or English or translated into one of the aforementioned languages as the applicant’s responsibility.

4.7 The list of the applications duly received within the deadline will be published on each PhD Programme webpage (see section “enrolment procedures”). Applicants should check the information posted regularly. In case of any mistake, they should contact the PhD Office as soon as possible at dottorati.ricerca@ateneo.univr.it.

**ART. 5 – APPLICANTS HOLDING FOREIGN DEGREES**

5.1 Applicants holding a foreign degree must send, other than their application and qualifications required to apply for the selected PhD programme, the following documentation (pdf format) to show that their degree grants access to PhD courses:

- Bachelor’s degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);
- Master’s degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);
- Diploma Supplement (if available);
- Any other document considered as relevant to evaluate the applicant’s academic qualifications. The official documents listed above, if issued in a language other than Italian or English, must be accompanied by a legal translation in either Italian or English, under penalty of exclusion.

5.2 If the applicant’s academic qualification has already been officially recognised as equivalent to an Italian degree, the applicant must specify the Italian university that has recognized the degree to be equivalent and the details of the related Rector’s decree. Foreign qualifications that have not been officially recognised, will be subject to a standard validation procedure, based on the documentation listed in paragraph 5.1 of this Call and with the sole purpose of fulfilling the application requirements for the PhD programme.

5.3 In addition to the above listed documents, applicants may be requested to submit further documentation in order to validate their degrees.

5.4 Applicants holding a foreign qualification will be provisionally admitted to the selection. The eligibility of their degree (see item 5.1), will be verified at the end of the selection process, only for the applicants listed in the final rankings. In the event that a foreign qualification is not considered as eligible, the applicant will not be entitled to enrol in the PhD programme and his/her position will be offered to the next applicant in the ranking list.

**ART. 6 – ENTRY EXAMINATION, EVALUATION AND SELECTION OF APPLICANTS**

6.1 The entry examination consists in a selection procedure intended to ascertain applicants’ academic background and aptitude for academic research and to ensure a comparative evaluation of applicants.

6.2 Details on the selection procedure and the evaluation criteria are provided in *Annex 1 - PhD programmes information sheets.* Ministerial Decrees n. 351 and 352 of 9 April 2022 mentioned in the introduction, through the activation of doctoral courses on defined topics, intend to promote interdisciplinarity, participation in international networks and intersectoriality referred to in the PNRR. To this end, all doctoral programmes are required to involve companies in the definition of the training course, including study and research periods to be performed by students in the company, from a minimum of six (6) months up to twelve (12) months for grants under Ministerial Decree 351, from a minimum of six (6) months up to eighteen (18) months for grants under Ministerial Decree 352. For each topic associated with a grant, companies involved in the definition of the training project are listed in *Annex 1 - PhD programmes information sheets.* With reference to the scholarships activated pursuant to Ministerial Decree 352, the companies involved in the definition of the training project and listed in *Annex 1 - PhD programmes information Sheets,* provide a 50% co-financing of the scholarship’s amount as provided by the ministerial decree.
For each topic associated with an additional grant, a period of study and research abroad of six (6) months is envisaged; the partner foreign institutions are listed in Annex 1 - PhD programmes information Sheets. This mobility period is considered as mandatory.

6.3 Applicants with disabilities or specific learning difficulties (SpLDs) should point it out in the dedicated section of the online application form, in order to request any special assistance and, if necessary, extra time for the examinations, as stated by Italian Law no. 104/1992 and additions.

“Applicants with disabilities” refers to blind applicants (total blindness or a remaining vision of no more than 1/10 in both eyes); deaf applicants (born with impaired hearing or whose hearing loss occurred before they began to speak); applicants with a legal disability of 66% or higher; and applicants with a certificate of disability issued in accordance with Law no. 104/92. The aforementioned disabilities must be certified by the relevant health authority.

“Applicants with specific learning difficulties (SpLDs)” refers to applicants with diagnosed dyslexia, dysgraphia, dyscalculia, dysorthographia. These must be supported by a specific clinical statement issued within the last three years by the Italian National Health Services or a registered medical practitioner. Applicants with certified dyslexia will be given 30% extra time for the entrance examination in accordance with Law no. 170/2010.

All medical certificates must be submitted to the Inclusion and accessibility Unit (U.O. Inclusione e Accessibilità), Via S. Francesco 22, Verona, phone: 0039 045 8028786, office hours: by appointment only, e-mail: inclusione.accessibilita@ateneo.univr.it, before the Call for Applications deadline. The university cannot guarantee to provide the necessary aid in case the documents are sent after the deadline.

6.4 Entry examinations timetables are included in the Annex 1 - PhD programmes information sheets. Possible up-to-date notices regarding the selection procedure will be posted on the PhD Programme webpages.

In order to be correctly identified, applicants will have to show the same ID – identity card, driving licence, passport – they used to register their online application. Should the exam be conducted online via live streaming on Zoom, applicants will be asked to keep their camera on to allow the Examination Board to identify and see them during the examination.

6.5 A score of at least 40/60 is required to pass the entry examination, unless differently specified. The evaluation of qualifications will be added to the oral exam score.

The evaluation of qualifications will be based on the documents submitted by the applicants. If the qualifications score has not already been specified in Annex 1 - PhD programmes information sheets, the Examination Board will decide the score for each qualification required.

6.6 For all types of announced positions, the Examination Board may reserve the possibility of drawing up separate rankings, taking into account the preferences expressed and the applications received. In the event that no applications have been submitted for a specific ranking within a Course, in the event of withdrawals or if no suitable applicants are available in a ranking, and in any cases the Examination Board may reserve the possibility of assigning the position to suitable applicants within another ranking of the Course, subject to verification of the requisites required.

6.7 Applicants will not be notified about the examination results. The official final rankings, approved by Rector’s Decree, will be published and displayed on the Official University Register (Albo Ufficiale dell’Ateneo), and on each PhD programme webpage.

Applicants may contest the final ranking after the publication of the selection results. In accordance with Law no. 241/1990 and subsequent additions and modifications, applicants have the right to access the selection records.

ART. 7 – EXAMINATION BOARDS

7.1 The Examination Boards shall consist of three members of the Teaching Committee of the PhD Programme.

The Examination Board may – at no additional cost for the University – include up to two Italian or international experts, selected from companies or public or private research entities. The inclusion and nomination of such experts is compulsory if provided by a specific agreement.

The Examination Board shall elect its own Chair and Secretary. The Rector’s Decrees stating the members of the Examination Boards will be published on each PhD programme webpage, by 11 July 2022.
ART. 8 – ADMISSION TO THE PhD PROGRAMMES

8.1 Successful applicants are admitted to the PhD programmes in merit-based ranking order until all the available places on the programme have been granted. If the same marks have been scored by two or more candidates, the youngest one will get preference in ranking in accordance with Art. 3.7, Law no. 127/97 as modified by art. 2, Law 191/98. Should an applicant be successful in more than one ranking, he/she must choose only one PhD programme to enrol in.

In all cases and / or in the event that there are no suitable candidates on one or more specific research topics, the Examination Board of the Doctoral Programme may evaluate, at its sole discretion, the assignment of the position(s) to any eligible candidates for similar research topics available within the same Course.

Candidates who will be awarded a position will be admitted to the courses conditionally (sub condicione). This status will be maintained until the end of the process of verifying eligibility for PNRR support, carried out by the Ministry on the basis of the eligibility requirements identified respectively by Articles 6, 7, 8, 9 of the Ministerial Decree 351 and by art. 6, paragraph 3 and paragraph 4, of the Ministerial Decree 352. This validation process will concern each doctoral course within this Call. In the event that this validation procedure has a negative outcome, the scholarship will not be funded and the assignee will be promptly notified. The results of the ministerial assessment will be announced by 31 December 2022.

8.2 In order to register to the PhD programme, successful applicants must submit an online enrolment form following the procedure available at www.univr.it/enrolmentphd, within 15 days after the publication of the final rankings, under penalty of exclusion.

8.3 Should an applicant fail to complete the online enrolment within the period stated for the selected PhD programme, the University will consider him/her as having given up his/her position (with or without scholarship) in the programme, and it will be reassigned to the next applicant on the merit ranking. The latter will be informed only by email and must enrol by following the procedure described in paragraph 8.2, within five days from the notification.

8.4 Applicants are advised that the University is required to check the truthfulness of any information or statement received. Should a declaration be found false or misleading, in addition to the loss of any benefits gained by the applicant on the basis of a false declaration, criminal sanctions for false statements and the forgery of documents shall apply (see Art.s 75 and 76 of Presidential Decree no. 445/2000). The University Administration will withdraw any benefits awarded to the candidate (such as a scholarship and fee concessions) and will not reimburse any of the fees paid. False declarations may also lead to possible legal action by the interested parties.

ART. 9 – PhD PROGRAMMES AND MEDICAL POSTGRADUATE SPECIALISATIONS

9.1 Students enrolled at a Medical School of Specialist Studies run by the University of Verona or by other Italian Universities are entitled to apply to this Call. Any provisions that differ from the above are specified in the section "Positions available" in Annex 1.

9.2 When enrolling, the aforementioned students must provide a “Nulla Osta” (authorization) signed by the Director of their School of Specialist Studies, confirming that attendance to both programmes is sustainable, even taking into account the distance between the places where the student is attending the two different courses and it is authorised by the School of Specialization Council and by the PhD programme Teaching Committee.

9.3 Due to incompatibility between the remuneration for the Postgraduate Specialisation and the PhD scholarship, during the period of joint attendance, the student will not receive the latter. Those scholarship instalments will be made available to the University central administration.

ART. 10 – RIGHTS, OBLIGATIONS AND INCOMPATIBILITIES FOR PhD STUDENTS

10.1 Attendance to the PhD course involves an exclusive and full-time commitment; any activities other than training and research must be authorized by the Teaching Committee upon favorable opinion of the supervisor and the co-supervisor. PhD students holding a scholarship can undertake paid assignments limited to activities leading to acquire new skills within the research path of the PhD Programme, provided that the PhD Teaching Committee has confirmed that the successful fulfilment
of training, teaching and research activities of the Course is preserved. The remuneration of those authorized activities shall not exceed the value of the annual amount of the PhD scholarship as detailed in the following art. 11.1.

10.2 Public employees admitted to a PhD Programme, for the normal duration of the course can benefit from a leave from work as provided for in their employment contract or, if employed under public law, from study leave, if compatible with the needs of the administration, pursuant to art. 2, Law no. 476/1984, with or without salary and only if enrolled for the first time in a doctoral course, regardless of the subject field.

10.3 Simultaneous enrolment in more than one study course leading to the achievement of an academic qualification is allowed as provided for by law no. 33 of 12 April 2022.

10.4 For regulations concerning PhD students’ rights, obligations, incompatibilities and for what not regulated by this Call please refer to Regulations for PhD Studies, available at the webpage Admission to PhD Programmes > PhD Regulations.

ART. 11 – SCHOLARSHIPS

11.1 The annual amount of the PhD scholarship is equal to Euro 16,243.00 gross of INPS social security charges as provided by law to be paid by the recipient. Scholarships are awarded for the entire duration of the PhD programme (3 years/36 months, 4 years/48 months) and instalments are paid on a monthly basis. The first instalment of October 2022 will be paid at the end of the same month provided that the student has submitted all the documentation required and is correctly enrolled in their PhD programme by 24 September 2022. Otherwise, a two-month instalment will be paid at the end of November.

11.2 The scholarship will be increased by 50% during the authorised study periods abroad. Should the student be suspended or excluded from the PhD programme, scholarship funds will be awarded only for the period in which he/she attended it.

11.3 Scholarships have an annual duration and are renewed on the condition that the PhD student has completed all the activities intended for that year, as verified by the PhD programme Teaching Committee.

11.4 From the first year of the programme, every PhD student (with or without scholarship) shall be guaranteed a research budget of not less than 10% of the annual scholarship amount in order to support his/her research activity in Italy and abroad.

11.5 PhD scholarships cannot be accumulated with other scholarships, except those granted by national or foreign institutions that allow the student to conduct PhD research abroad.

ART. 12 – STUDY FEES AND CONTRIBUTIONS PAYABLE

12.1 Fees and contributions are the following: Students with a scholarship must pay €442.00 (€250.00 for tuition fees, €176.00 for regional study tax contributions, and €16.00 for stamp duty using the virtual stamping system) in a single payment. Any changes to the aforementioned amounts will be notified to PhD student in due time.

12.2 Students who meet specific income requirements may request a reduction of the regional study tax contributions and/or student contributions by following the instructions published in the Rector’s Decree at https://www.univr.it/it/concorsi/studenti/riduzione-contribuzione-studentesca

Students meeting the following requirements are exempt from paying tuition fees:
- students with a legal disability of at least 66% certified by the relevant health authority pursuant to Law no. 104/92;
- students meeting requisites established by art. 30, Law nr. 118/1971;
- students receiving an Italian Government scholarship (for foreign students, the current application process is available on the Ministry of Foreign Affairs website);
- recipients of a regional scholarship;
- students without a scholarship.
PhD students with recognized disability (between 50% and 65%) will pay a reduced amount of € 192.00 for contributions.
PhD students coming from developing countries as annually identified by MUR will pay a reduced amount of € 150.00 for contributions.

**ART. 13 – IPR**

13.1 The intellectual and industrial property rights of any results achieved by PhD students – including, but not limited to, software, industrial inventions that may or may not be patentable, know-how, models, data and data collections – are governed in accordance with current regulations/statutory laws, the University regulations and, where applicable, in compliance with specific agreements signed with universities, enterprises/businesses or other parties involved.

13.2 In all cases, PhD candidates undertake to promptly notify the Coordinator regarding the achievement of any results and must agree not to disclose them or use them without the prior authorisation of the University. If collaborating with research groups, PhD students must sign a specific agreement for the recognition of intellectual property rights, maintaining the utmost confidentiality concerning all reserved information, data, and documents they may come into the possession of while carrying out their activities at or on behalf of the University.

13.3 In all cases, PhD students are guaranteed the possibility of undertaking all the normal publication activities provided by the research and study programme, which shall be planned compatibly with the need to protect any possible results.

**ART. 14 – FINAL REGULATIONS**

14.1 The University of Verona is the Data Controller of candidates’ personal data according to EU Regulation 2016/67; further information about data processing, data recipients, and rights of the data subjects can be found on the University of Verona webpage: [https://www.univr.it/en/privacy](https://www.univr.it/en/privacy).

14.2 Contact person responsible for administrative proceedings: dott.ssa Maria Gabaldo, Responsabile Area Ricerca, Via S. Francesco n. 22, Verona, phone. 045 8028134/8028078, e-mail: dottorati.ricerca@ateneo.univr.it

All matters not specified in this Call for Applications shall be governed by the Regulations for PhD Studies (available at the webpage: Admission to PhD Programmes > PhD Regulations) and relevant national laws and regulations.

14.3 Further information about the administrative procedure are available on the website, Dottorati di Ricerca and PhD Programmes webpages and can be requested to the PhD Office: Area Ricerca – U.O. Dottorati di Ricerca, Via San Francesco no. 22, phone. 00 39 045 8028134/8028078, e-mail: dottorati.ricerca@ateneo.univr.it

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The official text of this Call for Applications is drawn up in Italian language and available at: [https://www.univr.it/en/our-services/phd-programmes/admission-to-phd-programmes](https://www.univr.it/en/our-services/phd-programmes/admission-to-phd-programmes)

This translation provides a summary in English for information purposes only. In case of discrepancies, the Italian version will prevail.
Annex 1 - PhD programmes information sheets

### PhD in Biotechnology

**Coordinator:** Professor Matteo Ballottari

| Programme duration | 1° October 2022 – 30 September 2025  
| Thesis discussion: by May 2026 |

| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
| or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999;  
| or equivalent foreign degree. |

| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the website of Verona University at the following [link](#).  
| The Programme activities will be held in English.  
| Candidates can apply for more than one project for the same PhD course. The preference is not binding. |

#### Places available D.M. 351/2022: N. 2

For each project listed below there is one place with a scholarship available

| **Digital and Environmental Transitions PhDs** |
|---|---|---|
| **Title** | **Company** | **Mobility abroad (6 months)** |
| **Constrained topic:** Creation of databases for the prediction of the shelf-life of wines based on the commitment of electrochemical and spectroscopic smart sensors  
**CODE:** BIO01 | Cantine Delibori Walter srl  
(Bardolino, Verona, Italy)  
– 6 months | Università de Dijon (France) |
| **Contact person:** Prof. Maurizio Ugliano |

| **PNRR PhDs** |
|---|---|---|
| **Development Path:** Technologies for smart grids, renewable energy and distributed generation |
| **Title** | **Company** | **Mobility abroad (6 months)** |
| **Constrained topic:** Optical sensors for the detection of pollutants in water  
**CODE:** BIO02 | Optoi S.r.l  
(Trento, Italy)  
– 12 months | Cranfield University (UK) |
| **Contact person:** Prof.ssa Alessandra Maria Bossi |

#### Places available D.M. 352/2022: N. 4

For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th><strong>Title</strong></th>
<th><strong>Company</strong></th>
<th><strong>Mobility abroad (6 months)</strong></th>
</tr>
</thead>
</table>
| **Constrained topic:** Production of vines resistant to biotic and abiotic stress  
**CODE:** BIO03 | Edivite Srl  
(San Pietro Viminario, Padova, Italy)  
– 18 months | Imperial College London (UK) |
| **Contact person:** Prof. ssa Sara Zenoni |
# Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Constrained topic: <strong>Innovative genomic technologies for the diagnosis of pathologies due to expansions</strong>&lt;br&gt;<strong>CODE: BIO04</strong>&lt;br&gt;<strong>Contact person:</strong> Prof.ssa Marzia Rossato</th>
<th><strong>Genartis Srl</strong>&lt;br&gt;(Verona, Italy) – 6 months</th>
<th><strong>CNAG - Center Nacional d’Analisi Genòmica</strong>&lt;br&gt;(Barcelona, Spain)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Development of innovative oenological applications for monitoring the aging of red wines in different containers using electrochemical sensors and multivariate forecasting approaches</strong>&lt;br&gt;<strong>CODE: BIO05</strong>&lt;br&gt;<strong>Contact person:</strong> Prof. Maurizio Ugliano</td>
<td><strong>Azienda Vinicola Farina srl</strong>&lt;br&gt;(Verona, Italy) – 8 months</td>
<td><strong>Université de Dijon (France)</strong></td>
</tr>
<tr>
<td><strong>Constrained topic:</strong> <strong>Development of IoT applications of oenological interest for the prediction of the incidence of instability physico-chemical and the classification of the sensory quality of wines based on intelligence approaches artificial combined with SMART analysis</strong>&lt;br&gt;<strong>CODE: BIO06</strong>&lt;br&gt;<strong>Contact person:</strong> Prof. Maurizio Ugliano</td>
<td><strong>SMACT Società Consortile per Azioni</strong>&lt;br&gt;(locations in Verona and San Pietro in Cariano, Verona, Italy) – 18 months</td>
<td><strong>Université de Bordeaux (France)</strong></td>
</tr>
</tbody>
</table>

### Admission procedure
- Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points)
- Oral examination (score: min 40, max 60 points)

Language for the oral examination: Italian or English
- English language skills are required
- Italian language skills are strongly recommended

### Oral Examination
- **Place:** The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided by the deadline of this call on the PhD programme [webpage](#).
- **Date:** 27/07/2022
- **Time:** 9:30

### Evaluation criteria
In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score.

The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

There will be different merit ranking according to each different project for this call.

### Qualifications subject to evaluation and respective score
- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. 10 points**
- Graduation Thesis: **max. 5 points**
- Curriculum Vitae et Studiorum: **max. 20 points**
- Scientific publications: **max. 5 points**
- Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project: **max 20 points**

**Total qualifications score:** 40/60
| Examination topics | The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate. |
**Annex 1 - PhD programmes information sheets**

| Programme duration | **Ph.D. Programme in Economics and Finance**
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Coordinator: Prof. Alessandro Bucciol</td>
</tr>
<tr>
<td><strong>Programme duration</strong></td>
<td>4 years: 1st October 2022 – 30th September 2026</td>
</tr>
<tr>
<td></td>
<td>Thesis Defence: by May 2027</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Admission requirements</th>
<th>Any of the following:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);</td>
</tr>
<tr>
<td></td>
<td>A degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999;</td>
</tr>
<tr>
<td></td>
<td>An equivalent foreign degree.</td>
</tr>
</tbody>
</table>

| Curricula, learning outcomes and languages | Information on learning outcomes and research topics are available on the website of University of Verona at this link. The Programme activities will be totally held in English. Candidates can submit more than one application for the same PhD course. |

**Available places for D.M. 351/2022: N. 2**

**For each project listed below there is one place with a scholarship available**

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PNRR PhDs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Constrained topic: Climate change, agriculture and conflicts: analysis and adaptation strategies CODE: ECO01</td>
<td>Real T S.r.l. (Verona, Italy) – 6 months</td>
<td>Global Development Institute, University of Manchester (UK)</td>
</tr>
<tr>
<td>Contact person: Prof. Roberto Ricciuti</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PhDs for the Public Administration**

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constrained topic: Economic and tariff levers in the governance of urban waste management aimed at reducing residual waste CODE: ECO02</td>
<td>Agenzia Regionale per la prevenzione e protezione ambientale del Veneto (ARPAV) (Padova, Italy) – 12 months</td>
<td>Heriot-Watt University, Edinburgh (UK)</td>
</tr>
<tr>
<td>Contact person: Prof. Alessandro Bucciol</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Available places for D.M. 352/2022: N. 1**

**For each project listed below there is one place with a scholarship available**

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constrained topic: Digital transformation to improve customer satisfaction of highly customized products CODE: ECO03</td>
<td>Artep Srl (Verona, Italy) – 18 months</td>
<td>Lund University (Sweden)</td>
</tr>
<tr>
<td>Contact person: Prof. Alessandro Bucciol</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Admission procedure</th>
<th><strong>Italian and foreign candidates</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Evaluation of qualifications*</td>
</tr>
<tr>
<td></td>
<td>- Oral examination</td>
</tr>
<tr>
<td></td>
<td>Language for the oral examination: Italian or English</td>
</tr>
<tr>
<td></td>
<td>- English language skills are required</td>
</tr>
<tr>
<td></td>
<td>- Italian language skills are strongly recommended</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Oral examination</th>
<th><strong>Place:</strong> The oral examination will be held remotely, through Zoom. Instructions and link for the connection will be provided on the PhD Program <a href="#">web page</a> after the publication of the list of candidates admitted to the oral examination.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Date:</strong> To be defined</td>
</tr>
<tr>
<td></td>
<td><strong>Time:</strong> To be defined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evaluation criteria</th>
<th>Evaluation of qualifications: <strong>max. 60 points</strong>. Minimum pass grade: 40/60. Oral examination: <strong>max. 60 points</strong>. Minimum pass grade: 40/60.</th>
</tr>
</thead>
</table>
**Annex 1 - PhD programmes information sheets**

| Qualifications subject to evaluation and related score | The final grade is the sum of the grades obtained in the evaluation of qualifications and the oral examination.  
* The evaluation of qualifications is preliminary to the oral examination. Only candidates who will attain a minimum grade of 40/60 will gain access to the oral examination. The results will be published, as soon as available, on the PhD Program [web page](#).  
| - Certificate with final graduation mark or transcript with exam grades in case of final graduation after the call deadline. (max. 15 points)  
- Curriculum vitae et studiorum. (max. 12 points)  
- Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project). (max. 12 points)  
- Nr. 2 reference letters released by university professors. (max. 6 points)  
- Graduation thesis, if available. (max. 6 points)  
- Research experience at Universities or research centres. (max. 5 points)  
- Other qualifications (e.g., prizes, publications or additional courses) the candidate considers relevant for the evaluation. (max. 4 points)  
The whole documentation must be supplied in English or Italian.  
| **Max. qualifications score: 60**  
| Examination topics | Economics, Finance |
## Ph.D. programme in Philology, Literature, and Performance Studies

Coordinator: Professor Massimo Natale

| Programme duration | 3 years: 1st October 2022 - 30th September 2025  
Thesis Defence: by May 2026 |
|--------------------|------------------------------------------------|
| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university Degree, e.g., M.A., M.Sc.);  
or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999;  
or equivalent foreign degree.  
PLEASE NOTE: A graduation mark or a similar academic qualification assessed on the basis of equivalence criteria, equal to or greater than 110/110, constitutes an indispensable requirement for admission. The requirement also applies in case of obtaining the degree after the expiry of the Call. |
| Programme learning objectives, language and period abroad | Candidates can find further information about the programme objectives, its learning outcomes as well as the lines of research which are available for the new doctoral students, here  
The Programme activities will be held in Italian and partially in English or in other languages. |

### Available places for D.M. 351/2022: N. 1

For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>Title</th>
<th>Company</th>
<th>Mobility Abroad (6 months)</th>
</tr>
</thead>
</table>
| Constrained topic: Computerized cataloging of Latin manuscripts with grammatical content  
CODE: FILO01 | Biblioteca Civica del Comune di Verona (Verona, Italy) – 12 months | Université Paris Sorbonne (France) |

| Admission procedure | Evaluation of qualifications*  
Oral examination  
The oral examination will be in Italian |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Languages:</td>
<td></td>
</tr>
</tbody>
</table>
• Italian language skills are required.  
• In addition to Italian, the knowledge of one of the following languages: English, French, German, Spanish, will be verified during the oral examination. |
| Additional language skills (English, French, German, and Spanish) certified or supported by documentation, will be taken into consideration during the “evaluation of qualifications” under the voice: “Other titles”. |

| Oral examination | Place: to be defined. The examination will be held in presence, In Verona  
Date: to be defined  
Time: to be defined  
The information will be published, as soon as available, on the **PhD Program webpage**. |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation criteria</td>
<td></td>
</tr>
</tbody>
</table>
* A preliminary selection is conducted through the evaluation of the qualifications (for a maximum of 20 pts). The passing score is 12/20. This preliminary evaluation score will be added to the other ones in order to compile the final merit ranking.  
Results will be published, as soon as available, on the **PhD Program webpage**.  
A pass in the oral examination will be awarded only if the score is at least 40/60. |
Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Qualifications subject to evaluation and respective score</th>
<th>A pass in the written examination will be awarded only if the score is at least 40/60.</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call deadline: max. 0 points</td>
<td></td>
</tr>
<tr>
<td>• Graduation Thesis (in case the thesis has been delivered but not yet defended, it is required the documentation/self-certification proving the delivering): max. 5 points</td>
<td></td>
</tr>
<tr>
<td>• Curriculum Vitae et Studiorum: max. 4 points</td>
<td></td>
</tr>
<tr>
<td>• Scientific publications: max. 2 points</td>
<td></td>
</tr>
<tr>
<td>• Other titles the candidate considers relevant for the evaluation (certificates of language competences included in the list available here, or duly documented, only if minimum evaluation B1; master; post-graduate programmes; reference letters; etc.): max. 4 points</td>
<td></td>
</tr>
<tr>
<td>• Original Research Project, written in English or Italian, about the constraint topic (see Attachment 3 for further information about the length and the structure of the project): max points: max. 5 points</td>
<td></td>
</tr>
</tbody>
</table>

Max qualifications score: 20

| Examination topics | L-FIL-LET/04 – Latin Language and Literature |
### PhD in Inflammation, Immunity and Cancer

**Coordinator:** Prof. Vincenzo Corbo

| Programme duration | 1° October 2022 – 30 September 2025  
| Thesis discussion: by May 2026 |

| Admission requirements | _“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);_  
| _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999;_  
| _or equivalent foreign degree._ |

| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link. The Programme activities will be held in English. |

---

**Places available D.M. 351/2022: N. 1**

For each project there is one place with a scholarship available

## PNRR PhDs

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
</table>
| An integrated novel blood-based biomarker to predict disease progression in pancreatic cancer.  
**CODE: IIC01** | Istituto Oncologico Veneto (Padova, Italy) – 6 months | New York University (USA) |
| Contact person: Prof. Roberto Salvia |

### Admission procedure

- Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points)
- Oral examination (score: min 40, max 60 points)
- Language for the oral examination: English
- English language skills are required.

### Oral Examination

**Place:** The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call on the PhD programme’s [webpage](#).  
**Date:** to be fixed  
**Time:** to be fixed

### Evaluation criteria

In order to pass: Candidates – in both evaluation of qualifications and oral examination—should obtain at least 40/60 as score.  
The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

### Qualifications subject to evaluation and respective score

- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. points 10**
- Graduation Thesis: **max. points 5**
- Curriculum Vitae et Studiorum: **max. points 5**
- Scientific publications: **max. points 5**
### Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Examination topics</th>
<th>The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.</th>
</tr>
</thead>
</table>

- Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): max points **35**

**Total qualifications score: 40/60**
**Annex 1 - PhD programmes information sheets**

### Ph.D. in Computer Science

**Coordinator:** Professor Massimo Merro

| Programme duration | 1° October 2022 – 30 September 2025  
| Thesis discussion: by May 2026 |

### Admission requirements

- _“Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);_
- _or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999;_
- _or equivalent foreign degree._

### Programme learning objectives and language

Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link. The Programme activities will be partially held in English. Candidates can submit MORE applications for the same PhD course.

### Available places for D.M. 351/2022: N. 4

For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>PhDs for the Public Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITLE</strong></td>
</tr>
<tr>
<td>---</td>
</tr>
</tbody>
</table>
| **Constrained topic:**  
*IT tools to support LEAN management in the public administration*  
**CODE: INFO01**  
Contact person: Prof. Francesco Setti | Comune di Ferrara – 6 months | Ludwig Maximilians Universität, Munich (Germany) |
| **Constrained topic:**  
The agricultural experiment as a business process: compliance, conformance and correctness against legal background and experimental goals  
**CODE: INFO02**  
Contact person: Prof. Matteo Cristani | Veneto Agricoltura – 6 months | Institute for Integrated and Intelligent Systems, Griffith University (Australia) |
| **Constrained topic:**  
Assistive home automation and virtual coaching to support home health and social care  
**CODE: INFO03**  
Contact person: Prof. Graziano Pravadelli | Comune di Legnago (Verona, Italia) – 6 months | University of Limerick (Ireland) |

### PhDs for Cultural Heritage

| **Constrained topic:**  
Lights on cultural heritage: analysis and visualization of surfaces for cultural heritage based on multi-light imaging and artificial intelligence  
**CODE: INFO04**  
Contact person: Prof. Andrea Giachetti | Fondazione Istituto Italiano di Tecnologia (Genova, Italy) – 9 months | Norwegian University of Science and Technology (Norway) |

### Available places for D.M. 352/2022: N. 9

For each project there is one place with a scholarship available

<table>
<thead>
<tr>
<th><strong>TITLE</strong></th>
<th><strong>COMPANY</strong></th>
<th><strong>MOBILITY ABROAD (6 months)</strong></th>
</tr>
</thead>
</table>
### Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Constrained topic</th>
<th>Contact person</th>
<th>Duration</th>
<th>University/Institute</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Textual - visual deep mapping strategies</strong></td>
<td>Prof. Marco Cristani</td>
<td>12 months</td>
<td>University of Glasgow (UK)</td>
</tr>
<tr>
<td><strong>An infrastructure to investigate neuropsychiatric and behavioral disorders in patients with neurodegenerative diseases such as Parkinson’s</strong></td>
<td>Prof.ssa Rosalba Giugno</td>
<td>6 months</td>
<td>University of Easter Finland (Finland)</td>
</tr>
<tr>
<td><strong>AI / ML methods for accelerating digital processes in healthcare</strong></td>
<td>Prof. Paolo Fiorini; Prof. Diego Dell’Alba</td>
<td>18 months</td>
<td>Maersk Mc-Kinney Moller Institute, University of Southern Denmark, Syddansk Universitet, 5230, Odense (Denmark)</td>
</tr>
<tr>
<td><strong>An intelligent cyber range for the analysis of vulnerabilities and infomatic attacks on industrial cyber-physical systems</strong></td>
<td>Prof. Massimo Merro</td>
<td>18 months</td>
<td>EURECOM – Sophia Antipolis (France)</td>
</tr>
<tr>
<td><strong>Autonomation and digitization of business processes through the use of artificial intelligence</strong></td>
<td>Prof. Davide Quaglia</td>
<td>18 months</td>
<td>Technical University of Chemnitz (Germany)</td>
</tr>
<tr>
<td><strong>DASH: Assistive Home Automation and Smart Home. Design and development of an integration architecture of protocols for smart building and assisted living</strong></td>
<td>Prof. Franco Fummi</td>
<td>18 months</td>
<td>INRIA – Sophia Antipolis (France)</td>
</tr>
<tr>
<td><strong>Psycho-physical monitoring of the person on IoT (Internet of Things) devices through multimodal data analysis and Artificial Intelligence techniques</strong></td>
<td>Prof. Vittorio Murino</td>
<td>18 months</td>
<td>Universidad Politecnica de Madrid (Spain)</td>
</tr>
<tr>
<td><strong>Analysis and Development of Blockchain Technology</strong></td>
<td>Prof. Nicola Fausto Spoto</td>
<td>12 months</td>
<td>Université Clermont Auvergne (France)</td>
</tr>
<tr>
<td><strong>Advanced Visual Inspection of non-rigid objects</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tematica vincolata:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Contact person: Prof. Umberto Castellani</th>
<th>Italy) – 8 months</th>
</tr>
</thead>
</table>

#### Admission procedure

<table>
<thead>
<tr>
<th><strong>Italian and foreign candidates</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points)</td>
</tr>
<tr>
<td>• Oral examination (score: min 40, max 60 points)</td>
</tr>
</tbody>
</table>

Language for the oral examination: English
- English language skills are required.
- Italian language skills are recommended

#### Oral Examination

**Place:** The oral examination will be held at the Department of Computer Science, Ca' Vignal 2, piano 1, Studio Prof. Fummi SS9P1CV2, or, for candidates residing abroad and for those asking for it in the application form, by telematic means, through Zoom. Instructions and the link for the connection will be provided after the Call’s deadline on the Course’s [webpage](#).

**Date:** 25.07.2022  
**Time:** 9.00

#### Evaluation criteria

In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score.

The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

There will be different merit ranking according to each different project for this call.

#### Qualifications subject to evaluation and respective score

- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. points 10**
- Graduation Thesis: **max. points 5**
- Curriculum Vitae et Studiorum: **max. points 10**
- Scientific publications: **max. points 5**
- Original Research Project, written in English or Italian, in the SNSI Thematic Area and Development Path of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): **max points 30**

**Total qualifications score:** **max 60**

#### Examination topics

The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.
### Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Ph.D. programme in Foreign Languages and Literatures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Coordinator:</strong> Professor Anna Bognolo</td>
</tr>
<tr>
<td><strong>Programme duration</strong></td>
</tr>
<tr>
<td>3 years: 1&lt;sup&gt;st&lt;/sup&gt; October 2022 – 30&lt;sup&gt;th&lt;/sup&gt; September 2025</td>
</tr>
<tr>
<td>Thesis defence deadline: May 2026</td>
</tr>
<tr>
<td><strong>Admission requirements</strong></td>
</tr>
<tr>
<td>- “Laurea specialistica” or “Laurea magistrale” (second level university degree, e.g., M.A., M.Sc.).</td>
</tr>
<tr>
<td>- Italian M.A. obtained prior to the enforcement of the DM 509/9.</td>
</tr>
<tr>
<td>- M.A. or equivalent foreign second level university degree.</td>
</tr>
<tr>
<td><strong>Programme objectives, curricula, and languages</strong></td>
</tr>
<tr>
<td>Programme objectives and learning outcomes of the Ph.D. programme can be found <a href="#">here</a>. The programme is divided in two curricula:</td>
</tr>
<tr>
<td>1. Foreign Literatures and Cultures</td>
</tr>
<tr>
<td>2. Foreign Languages and Translation</td>
</tr>
<tr>
<td>Classes, lectures, seminars, etc. will be in Italian and English as well as in the languages of the Ph.D. programme (i.e. French, Spanish, German, Russian, Chinese).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Available places for D.M. 351/2022: N. 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>For each project listed below there is one place with a scholarship available</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PhDs for Cultural Heritage</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITLE</strong></td>
</tr>
<tr>
<td>Constrained topic: The ancient Spanish book in the Venice of the Renaissance</td>
</tr>
<tr>
<td>CODE: LINO01</td>
</tr>
<tr>
<td>Contact person: Prof.ssa Anna Bognolo</td>
</tr>
<tr>
<td>Biblioteca Nazionale Marciana di Venezia (Venezia, Italy) – 6 months</td>
</tr>
<tr>
<td>University of Saragoza (Spain)</td>
</tr>
</tbody>
</table>

**Admission procedure**

**Preliminary evaluation**
Shortlisting of candidates will be based on the evaluation of the documents listed hereafter (CV, project, etc).
In order to be admitted to the oral exam, candidates must obtain a minimum score of 25/40 points.
Results will be published on the Ph.D. programme web page (see [here](#)).

**Oral exam**
The oral exam will be in Italian. In addition, adequate knowledge of the language of specialization relating to the candidate’s research project (Spanish) and of the third language required will be verified.
Minimum passing score: 40/60. The final admission list will be drawn up combining the results of the evaluation of CV, project, etc. and of the oral exam (total max 100/100).

**Language requirements**
- Excellent knowledge of Italian
- Excellent knowledge of the language of specialization (Spanish);
- Knowledge of a third additional language (i.e. one among English, French, German, Spanish or Russian)

**Oral exam**

**Place:** the oral exam will be held remotely via Zoom
**Date:** 27/07/2022
**Time:** 9.00
Information concerning the link will be published as soon as possible on the Course [webpage](#).

### Additional documents and evaluation

All candidates are asked to submit the following documents for preliminary evaluation:

- M.A. thesis: max. score: **10 points**;
- an academic CV stating any publications, conferences attended/contributed to or funding applicants may have been awarded: max. score: **5 points**
- an original research project, written in **Italian**, about the constraint topic (see Attachment 3 for further information about the length and the structure of the project): max. score: **25 points**

**Max. total score: 40 points**

### Exam topics

During the oral exam (interview) candidates will be asked to answer questions related to the main research topics of the curriculum and to illustrate and discuss their project.
### Ph.D. programme in Linguistics

**Joint PhD Programme with the Free University of Bozen**

**Coordinator:** Prof. Stefan Rabanus

| Programme duration | 3 years: 1st October 2022 – 30th September 2025  
Thesis defence: by May 2026 |
|---------------------|--------------------------------------------------|
| Admission requirements | - “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g. M.A., M.Sc.)  
- degree prior to the introduction of the Italian Ministerial Decree No. 509/99  
- Master of Science/Arts or equivalent foreign degree |
| Programme objectives, tracks and languages | Programme objectives and learning outcomes of the Ph.D. programme can be found here.  
A Cooperation Agreement for the internationalization of the Doctorate is in force between the University of Verona and the Philipps-Universität Marburg (Germany).  
The Ph.D. programme activities will be taught in English, Italian and German. |
| Admitted research areas | Please see research topic description here. |

#### Available places for D.M. 351/2022: N. 1

<table>
<thead>
<tr>
<th>PNRR PhDs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITLE AND CONTENT</strong></td>
</tr>
</tbody>
</table>
| Research topic: **Ensuring inclusive access to the Italian literary, cultural and humanistic heritage: study and enhancement of reading in children with linguistic vulnerabilities** | 1) Istituto di Linguistica Computazionale, CNR, Pisa, Italy – 6 months | University of Konstanz  
Germany |
| **CODE: LINGUISTICS01** | 2) Canalescuola, Cooperativa Sociale ONLUS, Bolzano – 6 months | |
| Contact person: Prof.ssa Chiara Melloni | | |

| Evaluation criteria | - Evaluation of submitted documents  
The evaluation of the submitted documents is preliminary to the oral examination. Minimum score to be achieved to access the oral exam: **25/40**.  
- Oral examination: the candidate can choose to take the examination in English or Italian.  
A good command of English and at least one other language – Italian or German – is required. Language skills will be assessed during the oral exam. The language centres of the Universities of Bozen and Verona will offer selected doctoral students courses to improve their language skills. |

**Oral Examination**

The oral examination will be held remotely via Zoom. Information concerning the link, date and time will be published as soon as possible on the Course website here.  
The oral exam is evaluated in **60/60** and is considered passed if the candidate obtains at least **40/60**.  
The score resulting from the assessment of the submitted documents will be added to the score achieved in the oral exam. |
Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Documents subject to evaluation and corresponding score</th>
<th>All candidates are invited to submit the following documents in the Application Form:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Second cycle degree thesis (usually Master thesis): <strong>max. score 10 points</strong></td>
</tr>
<tr>
<td></td>
<td>- Other relevant documents/qualifications that the candidate considers useful for the assessment purposes (<em>curriculum vitae</em>, language certificates, etc.): <strong>max. score 5 points</strong></td>
</tr>
<tr>
<td></td>
<td>- Original research project. concerning the indicated topic, written in Italian or English (see Attachment 3 for further information about the length and the structure of the project): <strong>max. score 25 points</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Max. total score: 40 points</strong></td>
</tr>
</tbody>
</table>

| Oral examination topics | The oral exam focuses on topics concerning the research areas of the course, with a focus on the research project. |

The results of the evaluation process will be published as soon as possible on the Ph.D. programme web page [here](#).
### PhD in Biomolecular Medicine
**Coordinator:** Professor Massimo Donadelli

| Programme duration | 1° October 2022 – 30 September 2025  
| Thesis discussion: by May 2026 |

| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
| or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999;  
| or equivalent foreign degree. |

| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link.  
| The Programme activities will be held in English.  
| Candidates can submit more than one application for the same PhD course. |

#### Places available D.M. 351/2022: N. 1
For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>Title</th>
<th>Company</th>
<th>Mobility Abroad (6 months)</th>
</tr>
</thead>
</table>
| **Constrained topic:** Polyphenylpropanoid glycosides encapsulation in nanovesicles: a strategy to improve their activity and delivery efficiency for skin diseases prevention and treatment  
**CODE:** MEDBIOM01 | Aptuit, Evotec (Verona, Italy) – 6/8 months | Institut des Sciences Analytiques (ISA) UMR 5280 CNRS - Université Claude Bernard Lyon 1 (France) |
| Contact person: Prof.ssa Marta Vittoria Menegazzi |

#### Places available D.M. 352/2022: N. 1
For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>Title</th>
<th>Company</th>
<th>Mobility Abroad (6 months)</th>
</tr>
</thead>
</table>
| **Constrained topic:** Molecular Investigations to evaluate Antipathogens activity of Automated Washer-Disinfector Employing Thermal Disinfection to treat surgical instruments, anesthesia devised, laparoscopes, waste containers or other aids in hospitals  
**CODE:** MEDBIOM02 | Bonferraro Spa (Vicenza, Italy) – 6 months | University of Lyon, Claude Bernard Inserm 1033 (France) |
| Contact person: Prof. Luca Dalle Carbonare |

#### Admission procedure
- Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points)
- Oral examination (score: min 40, max 60 points)

Language for the oral examination: Italian or English

English language skills are required.

#### Oral Examination
**Place:** The oral examination will be held in presence at Aula I (Imola) Lente Didattica Policlinico Rossi - Borgo Roma or by telematic means, through Zoom, for those asking for it. Instructions and link for the connection will be provided after the deadline of this call on the PhD programme’s [webpage](#).  
**Date:** 28.07.2022
## Evaluation criteria

In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score. The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

## Qualifications subject to evaluation and respective score

<table>
<thead>
<tr>
<th>Qualification</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline</td>
<td>max. 30 points</td>
</tr>
<tr>
<td>Graduation Thesis</td>
<td>max. 0 points</td>
</tr>
<tr>
<td>Curriculum Vitae et Studiorum</td>
<td>max. 10 points</td>
</tr>
<tr>
<td>Scientific publications</td>
<td>max. 5 points</td>
</tr>
<tr>
<td>Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project)</td>
<td>max 5 points</td>
</tr>
<tr>
<td>Other qualifications that could be considered relevant</td>
<td>max. score: 2 points</td>
</tr>
<tr>
<td>Post-graduate program and/or Master</td>
<td>max. score: 3 points</td>
</tr>
<tr>
<td>Research experience at universities or research centres</td>
<td>max. score: 5 points</td>
</tr>
</tbody>
</table>

Total qualifications score: 40/60

## Examination topics

The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.
### PhD in Nanoscience and Advanced Technologies

**Coordinator:** Professor Adolfo Speghini

| Programme duration | 1° October 2022 – 30 September 2025  
Thesis discussion: by May 2026 |
|---------------------|---------------------------------------------------------------------------------|
| Admission requirements | _"Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e.g., M.A., M.Sc.);_  
_or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999;_  
_or equivalent foreign degree._ |
| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the web site of Verona University at the following [link](#).  
The Programme activities will be totally held in English.  
Candidates can submit ONE application for the same PhD course |

#### Places available for D.M. 351/2022: N. 1

**For each project listed below there is one place with a scholarship available**

<table>
<thead>
<tr>
<th>PNRR PhDs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITLE</strong></td>
<td><strong>COMPANY</strong></td>
</tr>
<tr>
<td>Constrained topic: Development of a high efficiency second generation thin film photovoltaic cell manufacturing system</td>
<td><strong>CODE: NANO01</strong></td>
</tr>
</tbody>
</table>
Contact person: Prof. Alessandro Romeo | CTF GmbH  
Dresda (Germany) – 6 months |

#### Places available for D.M. 352/2022: N. 1

**For each project listed below there is one place with a scholarship available**

<table>
<thead>
<tr>
<th>PNRR PhDs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITLE</strong></td>
<td><strong>COMPANY</strong></td>
</tr>
<tr>
<td>Constrained topic: Validation of the therapeutic efficacy of stem cells derived from adult adipose tissue (ADAS) and extracellular vesicles in neurodegenerative diseases</td>
<td><strong>CODE: NANO02</strong></td>
</tr>
</tbody>
</table>
Contact person: Prof.ssa Pasquina Marzola | Aptuit srl - Evotec  
(Verona, Italy)  
– 6 months | Universitāt zu Lübeck  
(Germany) |

#### Admission procedure

- Evaluation of qualifications
- Oral examination

Language for the oral examination: English  
- English language skills are required.

#### Oral Examination

**Place:** The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call, on the PhD programme’s [webpage](#).  
**Date:** 18 July 2022  
**Time:** 10.00

#### Evaluation criteria

In order to pass: Candidates – in both evaluation of qualifications and oral examination – should obtain at least 40/60 as score.
### Qualifications subject to evaluation and respective score

- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. 20 points**
- Graduation Thesis: **max. 10 points**
- Curriculum Vitae et Studiorum: **max. 10 points**
- Original Research Project, written in English or Italian, in the thematic area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): **max. 20 points**

**Total qualifications score:** 40/60

### Examination topics

The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.
# PhD in Neuroscience, Psychological and Psychiatric Sciences, and Movement Sciences
## Coordinator: Professor Michela Rimondini

| Programme duration | 1° October 2022 – 30 September 2025  
| Thesis discussion: by May 2026 |

| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
| or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999;  
| or equivalent foreign degree. |

| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link:  
| [PhD programmes](https://www.dnbm.univr.it/?ent=cs&id=820&tcs=DR%20&lang=en)  
| [Enrolment Policy](https://www.dnbm.univr.it/?ent=iscrizionecs&cs=820&lang=en)  
| The Programme activities will be held in Italian and partially in English.  
| Candidates can submit MORE THAN ONE application for the same PhD course |

## Places available for D.M. 351/2022: N. 3
For each project listed below there is one place with a scholarship available

### PNRR PhDs

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
</table>
| Constrained topic:  
Proposal for a psychological intervention for the management of chronic pain in the elderly through the development of a Digital Therapeutic  
**CODE: NEURO01**  
Referees: Prof.ssa Cinzia Perlini; Dott.ssa Valeria Donisi | daVi DigitalMedicine srl (Verona, Italy) | Erasmus University Medical Center the Netherlands |
| Constrained topic:  
Information and Communication Technology (ICT)-based solutions to support patients affected by dementia and neurodegenerative diseases with cognitive problems and behavioral disorders  
**CODE: NEURO02**  
Referee: Prof. Stefano Tamburin | Azienda Ulss 9 Scaligera (Verona, Italy) | Keele University (UK) |
| Constrained topic:  
Development of a multidisciplinary organizational model in Functional Motor Disorders  
**CODE: NEURO03**  
Referee: Prof.ssa Mirta Fiorio | Azienda Ospedaliera-Universitaria di Verona (Verona, Italy) | Neurological Institute of Saint George’s University, London, U.K |

## PhDs for the Public Administration

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
</table>
| Constrained topic:  
| | | |

## Places available for D.M. 352/2022: N. 5
For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
</table>
### Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Constrained topic</th>
<th>CODE: NEURO04</th>
<th>Referee: Prof. Cristiano Chiamulera</th>
<th>Hemera srl (Verona, Italy) – 12 months</th>
<th>Hospital Nacional de paraplegicos di Toledo (Spain)</th>
</tr>
</thead>
</table>

**Constrained topic:**
**Development of innovative cell therapies for post-traumatic regeneration of the spinal cord**

**CODE: NEURO04**
Referee: Prof. Cristiano Chiamulera

<table>
<thead>
<tr>
<th>Constrained topic</th>
<th>CODE: NEURO05</th>
<th>Referee: Prof.ssa Barbara Pellegrini</th>
<th>Gabel Srl (Vicenza, Italy) – 6 months</th>
<th>Wroclaw University of Science and Technology (Poland)</th>
</tr>
</thead>
</table>

**Constrained topic:**
**The digital challenge for physical activity. Quantitative and qualitative monitoring of NW activity**

**CODE: NEURO05**
Referee: Prof.ssa Barbara Pellegrini

<table>
<thead>
<tr>
<th>Constrained topic</th>
<th>CODE: NEURO06</th>
<th>Referees: Prof.ssa Barbara Pellegrini, Dott.ssa Chiara Zoppirolli</th>
<th>Trerè innovation srl (Mantova, Italy) – 6/8 months</th>
<th>Lunex International University of Health, Pot and Science (Lussemburgo)</th>
</tr>
</thead>
</table>

**Constrained topic:**
**Biomechanical models for the design of innovative running shoes**

**CODE: NEURO06**
Referees: Prof.ssa Barbara Pellegrini, Dott.ssa Chiara Zoppirolli

<table>
<thead>
<tr>
<th>Constrained topic</th>
<th>CODE: NEURO07</th>
<th>Referee: Prof.ssa Barbara Pellegrini</th>
<th>Motori Minarelli SPA (Bologna, Italia) – 6/8 months</th>
<th>Faculty of Sport, University of Ljubljana, (Slovenia)</th>
</tr>
</thead>
</table>

**Constrained topic:**
**Development of algorithms for the prescription and management of e-bike training**

**CODE: NEURO07**
Referee: Prof.ssa Barbara Pellegrini

<table>
<thead>
<tr>
<th>Constrained topic</th>
<th>CODE: NEURO08</th>
<th>Referee: Prof.ssa Silvia Pogliaghi</th>
<th>Microgate srl (Bolzano, Italia) – 18 months</th>
<th>HP-Cosmos Innsbruck (Austria)</th>
</tr>
</thead>
</table>

**Constrained topic:**
**Gait training with Intelligent Treadmi for Parkinson’s (GaIT-PD)**

**CODE: NEURO08**
Referee: Prof.ssa Silvia Pogliaghi

---

### Admission procedure

**Italian and Foreign candidates**
- Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points)
- Oral examination (score: min 40, max 60 points)

**Language for the oral examination:**
- Italian language skills are strongly recommended.
- English language skills are required.

### Oral Examination

**Place:** The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided by the deadline of this call.

**Date:** to be fixed

**Time:** to be fixed

### Evaluation criteria

In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score.

The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

There will be different merit ranking according to each different project for this call.
### Qualifications subject to evaluation and respective score

- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. 8 points**
- Graduation Thesis: **max. 3 points**
- Curriculum Vitae et Studiorum: **max. 9 points** (see [here](#))
- Scientifica publications: **max. 10 points**
- Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the research project): **max. 30 points**

**Total qualifications score:** **min 40/60**

### Examination topics

The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.
## Annex 1 - PhD programmes information sheets

### Ph.D. programme in Applied Life and Health Sciences

**Coordinator:** Professor Simone Accordini

| Programme duration | 1° October 2022 – 30 September 2025  
| Thesis defence: by May 2026 |

### Admission requirements

- “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
- or a degree taken under the old Italian university system (prior to the one introduced by the Italian Ministerial Decree No. 509/99);  
- or equivalent foreign degree

### Programme objectives and languages

Candidates can find further information about the programme objectives, its learning outcomes, as well as the lines of research which are available for the new doctoral students, at the following link.  
The program activities will be partially held in English.  
Candidates can submit more than one application for the same PhD programme.

### Places available for D.M. 351/2022: N. 1

For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
</table>
| Constrained topic:  
**Variants of uncertain significance (VUS): development of functional in vitro assays to define the pathogenetic effect and validate bioinformatic predictions**  
CODE: SAVS01  
Referee: Prof.ssa Anna Savoia | Personal Genomics Srl (Verona, Italy) – 6 months | Università de Strasbourg (France) |

### Places available for D.M. 352/2022: N. 1

For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
</tr>
</thead>
</table>
| Constrained topic:  
**Study of innovative markers associated with hepatitis b virus pathogenesis to guide the development of personalized medical approaches**  
**CODICE:** SAVS02  
Referees: Prof. Donato Zipeto, Dott.ssa Alessandra Ruggiero | Roche Pharma Research and Early Development  
Switzerland – 6 months |  

### Admission procedure

- Evaluation of qualifications  
- Oral examination  
Language for the oral examination: Italian or English  
  - English language skills are required

### Oral Examination

**Place:** aula della Sezione di Biologia e genetica  
(\(\text{Department of Neurosciences, biomedicine and movement sciences}\))  
**Date:** 25/07/2022  
**Time:** 10.00
Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Evaluation criteria</th>
<th>A pass in the oral examination will be awarded only if the score is at least 40/60. The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination, after the oral examination, in order to draw up the final merit ranking.</th>
</tr>
</thead>
</table>
| Documents to be submitted and relative scores | • Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline (**max. score: 20 points**)  
• Graduation thesis (**max. score: 5 points**)  
• Curriculum Vitae et studiorum (**max. score: 5 points**)  
• Scientific publications (**max. score 5 points**)  
• Other qualifications that could be considered relevant (**max. score: 3 points**)  
• Post-graduate program and/or Master (**max. score: 2 points**)  
• Nr. 2 reference letters released by professors of the university that conferred the academic title/titles (only for foreign applicants) (**max. score: 0 points**)  
• Research experience at universities or research centres (**max. score: 5 points**)  
• Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the research project) (**max score: 15 points**)  
Max. total score: **60 points** |
| Examination topics | The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the Ph.D. programme. |
## Annex 1 - PhD programmes information sheets

**PhD in Archaeology, Art History and History**  
**Coordinator: Professor Renato Camurri**

| Programme duration | 1° October 2022 – 30 September 2025  
| Thesis discussion: by May 2026 |
| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
| or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999;  
| or equivalent foreign degree. |
| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link.  
The Programme activities will be held in Italian, but some activities can be held in English. |

### Available places for D.M. 351/2022: N. 1

For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>PNRR PhDs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TITLE</strong></td>
</tr>
<tr>
<td>Constrained topic: Digital cultural heritage: 3D reconstructions as a tool to tell the public of archaeological sites CODE: SCAR01</td>
</tr>
</tbody>
</table>

### Admission procedure

1. Evaluation of qualifications (score: min 40 to access the oral examination, max 60 points)  
2. Oral examination (score: min 40, max 60 points)  
Language for the oral examination: Italian (for foreign students: English or French)  
3. English language skills are required.  
4. Italian language skills are strongly recommended

### Oral Examination

**Place:** The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided by the deadline of this call [here](#).  
**Date:** 22.7.2022  
**Time:** h 10.00

### Evaluation criteria

In order to pass: Candidates – in both evaluation of qualifications and oral examination- should obtain at least 40/60 as score.  
The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

### Qualifications subject to evaluation and respective score

- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. 5 points**  
- Curriculum Vitae et Studiorum: **max. 15 points**  
- Scientific publications: **max. 10 points**  
- Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): **max 30 points**
## Examination topics

- The oral exam includes the discussion of the research project and of the subjects relating to the research lines of the doctorate.
Annex 1 - PhD programmes information sheets

| Programme duration | 1° October 2022 – 30 September 2025  
Thesis discussion: by May 2026 |
|---------------------|----------------------------------|
| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999;  
or equivalent foreign degree. |
| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link  
The Programme activities will be held in Italian and in English Candidates can submit one application for the same PhD course. |

**Available places for D.M. 351/2022: N. 4**

For each project listed below there is one place with a scholarship available

<table>
<thead>
<tr>
<th>TITLE</th>
<th>COMPANY</th>
<th>MOBILITY ABROAD (6 months)</th>
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</table>
| **Constrained topic:**  
**Strategies and models for the prevention of employee burnout in PA switchboards**  
CODE: SCUM01  
Contact persons: Prof.ssa Elena Trifiletti, Prof. Riccardo Sartori, Prof. Andrea Ceschi | GPI SpA (Trento, Italy) – 12 months | Queen Mary University of London (UK) |
| **Constrained topic:**  
**The integration of social and health services in the local area: a mixed-method study**  
CODE: SCUM02  
Contact persons: Prof. Prof. Riccardo Sartori (Human Sciences), Prof.ssa Luisa Saiani (Diagnostics and Public Health) | Azienda sanitaria Pubblica ULSS 8 Berica (Vicenza, Italy) – 8 months | Karolinska Institute Stockholm (Sweden) |
| **Constrained topic:**  
**Innovative Products for the Public Administration in favor of the social and work inclusion of people with disabilities**  
CODE: SCUM03  
Contact persons: Prof.ssa Elena Trifiletti, Prof. Riccardo Sartori, Prof. Andrea Ceschi | Lavoro e Società scarl (Verona, Italy) – 8 months | Vytautas Magnus University, Lithuania |
| **Constrained topic:**  
**Innovative products for the PA in favor of social and employment inclusion of marginal subjects**  
CODE: SCUM04  
Contact persons: Prof.ssa Elena Trifiletti, Prof. Andrea Ceschi | Prisma Società Cooperativa Consortile (Vicenza, Italy) – 8 months | Queen Mary University of London (UK) |
### Admission procedure

1. **Evaluation of qualifications and research project (score: min 40 to access the oral examination, max 60 points)**
   - Language for the oral examination: Italian and/or English.
   - The knowledge of the English language is mandatory and it will be assessed during the oral examination.
   - Italian language skills are strongly recommended.

2. **Oral examination (score: min 40, max 60 points)**
   - Language for the oral examination: Italian and/or English.

### Oral Examination

**Place:** The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call on the PhD Programme’s [webpage](#).

**Date:** to be defined

**Time:** to be defined

### Evaluation criteria

In order to pass: Candidates – in both evaluation of qualifications and oral examination – should obtain at least 40/60 as score.

The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

There will be different merit ranking according to each different project for this call.

### Qualifications subject to evaluation and respective score

- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. 6 points**
- Curriculum Vitae et Studiorum (including research experiences and any publications and certification of the level of the English knowledge): **max. 10 points**
- Candidate’s letter of motivation including a brief report explaining the candidate’s scientific interests (max. 5,000 characters, spaces included) **max. 4 points**
- Original Research Project, written in English or Italian, in the Thematic Area of the chosen place of interest for the candidate (see Attachment 3 for further information about the length and the structure of the project): **max 40 points**

**Total qualifications score: 40/60**

### Examination topics

The oral exam includes the discussion of the research project and of its thematic path, relating to the research areas of the doctorate in Human Sciences.
# Curriculum Vitae

## Personal Details

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<td>NAME AND SURNAMES</td>
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## Current Position

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## Education

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## Scientific Affiliations

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## Areas of Research

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## International Experiences and Collaborations

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<td>Annex 2</td>
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<tr>
<td><strong>PUBLICATIONS</strong></td>
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<tr>
<td>• International Journals with Impact factor</td>
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<tr>
<td>• Peer-reviewed Journals  (Embase, Medline, Psychological Abstracts, Psycho/Info)</td>
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<tr>
<td>• Other Publications, including non-peer reviewed journals</td>
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</table>
| **SCIENTIFIC CONFERENCES**  
(Please specify if presenter or co-author) |
| • Oral Presentations |
| • Posters presentation |
| **AWARDS** |
| **LANGUAGES**  
(Common European Framework Of Reference For Languages) |
| Reading |
| Writing |
| Speaking |
| **COMPUTER** |
| Programming Language |
| Software |
| Lab Instruments experience |
| **Other Titles** |
| **Hobbies and Interests** |
Annex 3 – Research Project

Call for applications for admission to PhD Programmes and for the awarding of 45 three-year PhD scholarships cofunded with PNRR resources

PNRR PhD courses XXXVIII cycle

Candidate’s name and surname__________________________________________________________

PhD programme in ___________________________________________________________________

DM 351/352 (indicate which one): _____________________________________________________

Constrained topic within which the candidate must present his/her research project:
__________________________________________________________________________________
__________________________________________________________________________________

Research Project proposed by the candidate (the research project, developed within the specific constrained topic of interest reported above, written in Italian or English, should have a maximum length of 9,000 characters (spaces excluded, bibliography excluded) and should be drawn up according to the following structure:

1. Brief introduction which introduces the research in the national/international scientific context making clear the coherence with the constrained topic of interest;
2. Scientific assumptions and methods through which the research will be developed;
3. Objectives, expected results and impact
4. Bibliography
Annex 4 – Declaration

Call for applications for admission to PhD Programmes and for the awarding of 45 three-year PhD scholarships co-funded with PNRR resources

PNRR PhD courses XXXVIII cycle

According to the Ministry of University and Research Decree 351 and 352 of 9th April 2022, the undersigned __________________________ born in ______________________ on ______________________ hereby declares to be aware that:

1) the acceptance of a scholarships announced in the framework of the present Call requires the carrying out of periods of study and research in a company from a minimum of six (6) months to a maximum of twelve (12) months for places under Decree 351 and to a maximum of eighteen (18) months for places under Decree 352, and that non-compliance with the minimum undertaking period as specified in the PhD Programmes information sheets will result in the withdrawal of the scholarship;

2) the 6 months period of mobility abroad must be intended as mandatory;

3) scholarships have an annual duration and are renewed on the condition that the PhD student has completed all the activities intended for that year, as verified by the PhD programme Teaching Committee;

4) the negative judgement of the PhD programme Teaching Committee and the subsequent non-admission to the following year, will cause the revocation of the sums already paid for the current year;

5) Candidates will be declared winners and admitted to the courses “sub condicione”. This status will remain until the end of the process of verifying eligibility for PNRR support, carried out by the Ministry on the basis of the eligibility requirements identified respectively by Articles 6, 7, 8, 9 of the Ministerial Decree 351 and by art. 6, paragraph 3 and paragraph 4, of the Ministerial Decree 352. This verification process will concern each doctoral course announced with this Call. In the event that the verification procedure indicated above should have a negative outcome, the scholarship will not be funded and the interested party will be promptly notified. The results of the ministerial assessment will be announced by 31 December 2022; for scholarships pursuant to Ministerial Decree 352 only, places will be assigned on condition of successful signing of the agreement with the co-financing company.
and commits to observe what reported above in case he / she results as a winner of a scholarship announced in the framework of the present Call.

Date and Signature

_____________________